

U. S. Department of Agriculture  
Statistical Reporting Service  
and  
U. S. Department of Commerce  
Weather Bureau

1,100 Run  
Dec. 21, 64

Nebr. Dept. of Agr. & Economic Development  
Division of Agr'l. Statistics  
Agricultural Extension Service  
of Nebr. College of Agriculture

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 12/21/64

Week Ending 12/21/64

WEATHER It was a very cold week with strong winds and some light snow. Temperatures averaged about 15 degrees below the weekly normals. The cold weather was persistent throughout the week except for Tuesday afternoon when temperatures reached the 60s in the southwest corner and the 40s and 50s over much of the remaining portion; Sunday afternoon the Panhandle and north central portion again reached the 40s and low 50s. It was very cold from Wednesday through Friday with minima during that period ranging from around 8 degrees below zero in the southeast to 20-30 below zero in portions of the Sandhills and Panhandle. The lowest reported was 30 degrees below zero at Harrisburg on Thursday morning. Temperatures remained below zero all day Wednesday and Thursday over much of the northern half of the State.

Scattered light snows fell in the northern half of the State on Tuesday and Wednesday and the southeastern half Friday or Saturday. Moisture amounts were generally less than one-tenth of an inch but ranged up to a third of an inch at some local areas and gave these spots a beneficial snow cover. Imperial received .31" moisture and ended the week with 2" snow on the ground. Scottsbluff .24" and 2" respectively; Norfolk .29" and 4", Sioux City .38" and 4" and Omaha .06" and 1".

CROPS Winter wheat fields in most of the south half of the State were exposed during last week's severe cold temperatures. Wheat in other areas generally had at least partial snow cover. Some soil erosion occurred in parts of the southwest and Panhandle as strong winds prevailed. Snows over the weekend provided needed precipitation and cover in local areas of the Panhandle and southwest.

Feed grain supplies are generally average in the State. Hay and roughage supplies are being used heavily and are becoming short in some areas. Below average grazing conditions, along with the cold, snowy weather through late fall, has increased demands on hay supplies.

Livestock care required more time as cold weather produced problems with keeping stock tanks open, starting vehicles and other feeding operations. Other time was used going over the past years records and in preparing for the coming holidays.

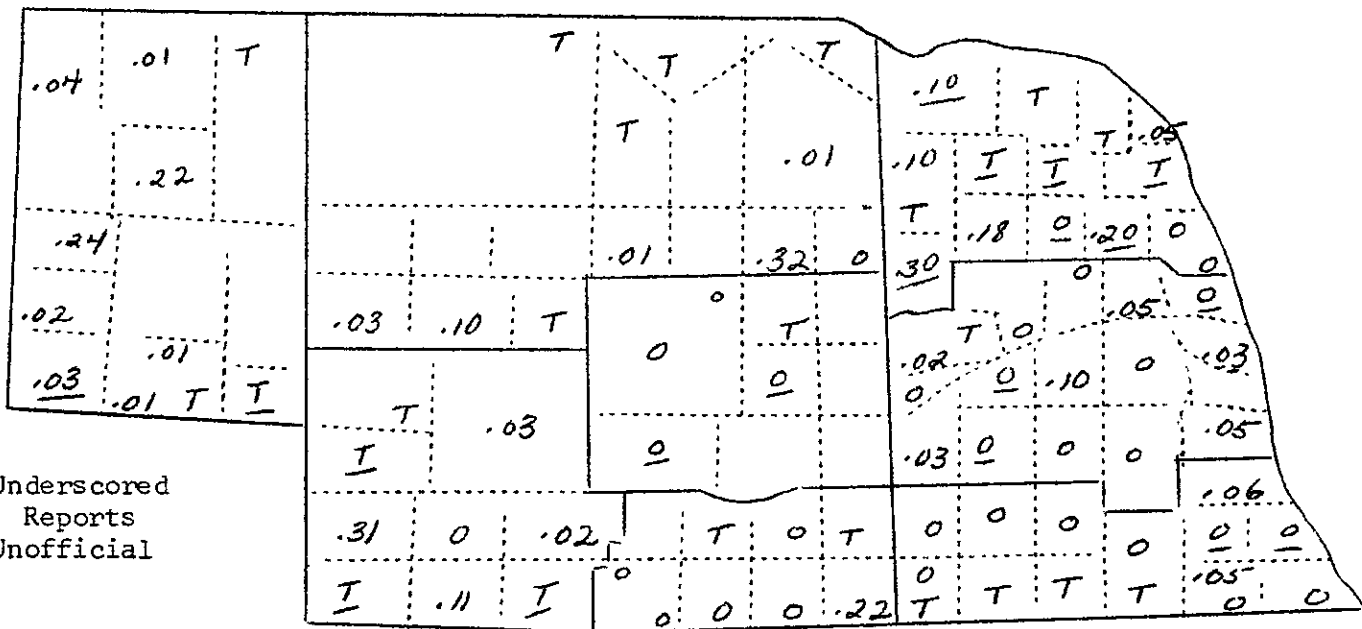
LIVESTOCK Feed requirements increased sharply during the period of extremely cold temperatures. In most instances the needs were met and condition of animals was maintained.

Inshipments of stocker and feeder cattle into Nebraska during November totaled 189,000 head, only 86 percent of the 220,000 shipped in during the same month last year. Arrivals of sheep and lambs into the State were down considerably from last year, totalling only 30,000 head compared to 70,000 during November of 1963.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING DECEMBER 21, 1964

| East         |     | Central      |     | West        |     |
|--------------|-----|--------------|-----|-------------|-----|
| Grand Island | .05 | Burwell      | .19 | Chadron     | .01 |
| Lincoln      | .02 | North Platte | .03 | Imperial    | .31 |
| Norfolk      | .29 | Valentine    | T   | Scottsbluff | .24 |
| Omaha        | .06 |              |     | Sidney      | .01 |
| Sioux City   | --- |              |     |             |     |

# PRECIPITATION MAP FOR WEEK ENDING DECEMBER 18, 1964



HIGHEST AND LOWEST TEMPERATURE (Highs for 24 hours ending at 12:01 a.m., and lows for 12 hours ending at 6:00 a.m., CST)

|     |              | December |     | 15th |     | 16th |     | 17th |     | 18th |     | 19th |     | 20th |     | 21st |     |
|-----|--------------|----------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|
|     |              | Max      | Min | Max  | Min | Max  | Min | Max  | Min | Max  | Min | Max  | Min | Max  | Min | Max  | Min |
| NW  | Chadron      | 35       | 28  | 50   | -10 | -8   | -20 | 3    | -11 | 30   | 12  | 25   | 3   | 52   | 38  |      |     |
|     | Scottsbluff  | 37       | 24  | 47   | -5  | -4   | -21 | -5   | -21 | 8    | 3   | 36   | 16  | 49   | 26  |      |     |
|     | Sidney       | 40       | 19  | 52   | -4  | 6    | -17 | 7    | -11 | 32   | 8   | 42   | 17  | 47   | 25  |      |     |
| NC  | Burwell      | 31       | 18  | 55   | -7  | -2   | -14 | -1   | --  | 30   | 17  | 25   | -5  | 32   | 11  |      |     |
|     | Valentine    | 28       | 18  | 32   | -9  | -9   | -18 | -12  | -14 | 25   | 19  | 19   | -2  | 47   | 28  |      |     |
| NE  | Norfolk      | 22       | 8   | 39   | 4   | 4    | -13 | -3   | -13 | 22   | 15  | 26   | -6  | 24   | 21  |      |     |
|     | Sioux City   | 19       | 6   | 39   | 6   | 6    | -11 | -3   | -13 | 20   | 15  | 26   | -5  | 18   | 17  |      |     |
| CEN | Grand Island | 28       | 20  | 46   | 15  | 16   | -11 | 0    | -10 | 23   | 17  | 28   | 2   | 32   | 21  |      |     |
| EC  | Lincoln      | 30       | 20  | 46   | 20  | 20   | -9  | 3    | -4  | 20   | 17  | 34   | 6   | 32   | 26  |      |     |
|     | Omaha        | 20       | 15  | 43   | 20  | 20   | -10 | -1   | -9  | 19   | 16  | 29   | 3   | 25   | 24  |      |     |
| SW  | Imperial     | 44       | 14  | 61   | 11  | 19   | -9  | 5    | -12 | 35   | 23  | 37   | 3   | 37   | 15  |      |     |
|     | North Platte | 41       | 18  | 60   | 10  | 10   | -11 | 4    | -11 | 37   | 21  | 34   | 3   | 35   | 21  |      |     |

U. S. Department of Agriculture  
211 P. O. Building, Box 1911  
Lincoln, Nebraska 68501  
Official Business

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF AGRICULTURE